

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Yuichi FUTA et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006\_1455A  
Filed September 5, 2006 :

COMPUTER SYSTEM, COMPUTER  
PROGRAM, AND ADDITION METHOD  
[Corresponding to PCT/JP2005/005136  
Filed March 22, 2005]

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation contained in the specification of the present application at pages 1 and 2 ,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:  
WO 99/01815 corresponds to US 6,668,325;  
WO 00/077597 corresponds to US 6,594,761 and US 2003/221121A1; and  
JP 3402441 corresponds to US 6,480,605.
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Yuichi FUTABA et al

By

W. Douglas Hahm

Registration No. 44,142

Attorney for Applicants

WDH/ck  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
September 5, 2006

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: September 5, 2006

ATTY DOCKET NO.  
2006\_1455ASERIAL NO  
NEW

10/591846

APPLICANT  
Yuichi FUTA et al.FILING DATE  
September 5, 2006

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,668,325	12/03	Collberg et al.			
	AB	6,594,761	07/03	Chow et al.			
	AC	2003/0221121 A1	11/03	Chow et al.			
	AD	6,480,605	11/02	Uchiyama et al.			
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	99/01815	01/99	WO			
	AK	00/077597	12/00	WO			
	AL	2005-049925	02/05	JP			Abstract
	AM	3402441	05/03	JP			Abstract
	AN						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	SATO et al., "Program Obfuscation by Coding Data and Its Operation", The Institute of Electronics, Information and Communication Engineers, Technical Report of IEICE, vol. 102, No. 743, pages 13-18, March 19, 2003.
	AP	Noboru Kunihiro and Kenji Koyama, "Two Discrete Log Algorithms for Super-Anomalous Elliptic Curves", SCIS'99, 1999, pp. 869-874.
	AQ	

EXAMINER

DATE CONSIDERED